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(54) Title: CAPACITIVE PRESSURE SENSOR WITH A CANTILEVER MEMBER

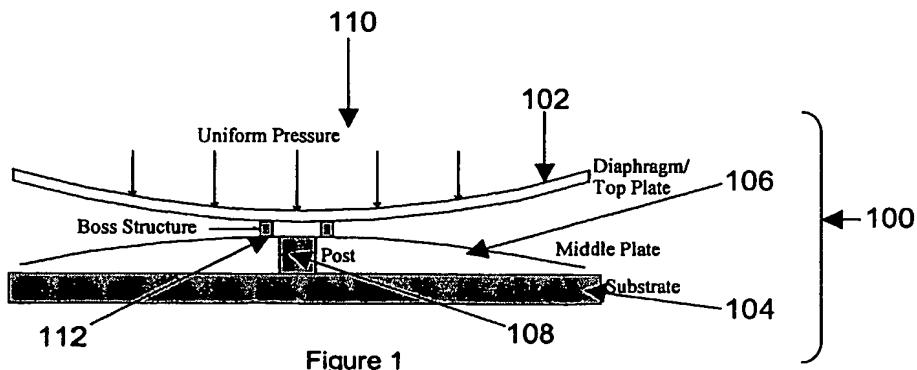


Figure 1

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(57) Abstract: A capacitive pressure sensing device (100) comprising, a base member (104), a diaphragm member (102) deflectable under an external pressure (110), a cantilever member (106) disposed between the base member (104) and the diaphragm member (102) and supported on a support structure (108), wherein the base member (104) and the cantilever member (106) form a capacitor structure of the device (100) and wherein deflection of the diaphragm member (102) beyond a threshold value causes the cantilever member (106) to deflect to cause a capacitive change in the capacitor structure.

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